

GPS Individual Project

Julie Parker

First Grade Classroom

I. Title: The title of my G.P.S. project is

Clued in on Science

A review of Unit 1 (Living and Nonliving things, Habitats, Life Cycles, and Food Chains)

II. Timeline and Relationship to larger unit

Students will participate in Clued in on Science in the month of November. It will be at the end of our Unit 1 and will serve as a celebration of what was learned during this unit.

Students will be able to solve clues to find a prize at the last waypoint.

III. Glossary and terms used

See attached page. We will review these terms prior to this field experience.

IV. Keys

See attached

V. Clued in questions and waypoints

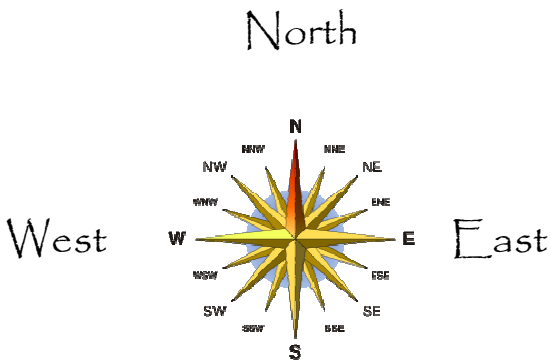
See attached

VI. Management issues addressed:

1. Students will be working together in one group. Since they are in first grade I feel like this is an appropriate way for them to experience the GPS and still get the help and support they need.
2. Students will need to have a compass, pencil, clipboard and papers. This may end up being a problem. Sometimes these items may turn into toys. I will bring a teacher workbag in case I need to collect items.
3. I will need to take Band-Aids and any student medication since we will be leaving school grounds.
4. Permission slips must be sent home (GPS activity will be held at the neighborhood park—within walking distance)
5. In November weather may be an issue. On the permission slip list more than one possible day so that activity can be held on the best weather day possible.
6. Waypoints are in trees, benches, and park equipment. I will need to make sure that the waypoints are still there on the week of the activity. An emergency waypoint can be made if needed.
7. The main point of this activity is for the students to review concepts, practice with compass, and have fun. I think they will think the GPS is amazing. Our buddy class is Hilary Mile's 4th grade. We are currently planning a GPS activity where the 4th grade helps the 1st graders toward the end of the year.

Glossary and Key Terms

Compass: A tool used to measure the direction relative to the Earth's magnetic pole.



Food chain: The way food passes from one living thing to another. All living things are connected through food chains.



GPS: is a global positioning system. GPS are used to find location by using satellites.



Habitat: A place where plants and animals live. A deer lives in a forest habitat.



Life cycle: The changes that take place as a plant or an animal grows and changes. The life cycle of a frog includes an egg, tadpole, and a grown frog.



